

## Claims

1. A handheld power saw, having a coupling means (10) for retaining and  
5 driving a saw blade (12), and having a guide assembly (14) for guiding an  
oscillating motion (16) of the saw blade (12), characterized in that the guide  
assembly (14) includes at least one lateral bracing means (18, 18') for shielding  
the coupling means (10) from shear forces acting on the saw blade (12).

10 2. The handheld power saw as defined by claim 1, characterized in that the  
bracing means (18, 18') is intended for bracing on both sides against shear forces  
on the saw blade (12).

3. The handheld power saw as defined by one of the foregoing claims,  
15 characterized in that the bracing means (18, 18') is embodied as a slide bearing.

4. The handheld power saw as defined by one of the foregoing claims,  
characterized in that the coupling means (10) is embodied as a detent coupling.

20 5. The handheld power saw as defined by one of the foregoing claims,  
characterized in that the bracing means (18, 18') forms a two-dimensional contact  
face (46).

6. The handheld power saw as defined by claim 5, characterized in that the  
25 contact face (46) has a length (48) of at least 2 cm in a longitudinal direction (26)  
of the saw blade (12).

7. A handheld power saw, having a housing (20b), having a contact element  
(22b) for bracing the housing (20b) on a workpiece, and having a saw blade (12b),

movable in oscillating fashion in a first direction (26b), with at least one cutting edge (30b) pointing in a working direction (28b), characterized in that the contact element (22b) is supported displaceably relative to the housing (20b).

5        8. The handheld power saw as defined by claim 7, characterized in that the contact element (22b) is displaceable, with a front edge (32b) pointing in the working direction (28b), at least as far as a height of the cutting edge (30b).

10       9. The handheld power saw as defined by at least claim 7, characterized in that the contact element (22b) has a recess (34b) that is open in the working direction (28b).

15       10. The handheld power saw as defined by at least claim 7, characterized by a spring element (36b) for restoring the contact element (22b) to a position of repose.

11. The handheld power saw as defined by at least claim 7, characterized by a detent element (24b) for locking the contact element (22b) in a detent position.

20       12. A saw blade (12) for a handheld power saw, having an oscillatory drive mechanism (38), and having a retention region (40) which is intended for connection with a coupling means (10) of the handheld power saw, characterized by a guide region (42) for contact of a lateral bracing means (18, 18') of the handheld power saw.

25       13. The saw blade (12) as defined by claim 12, characterized in that the guide region (42) has a greater thickness of material than a work region (44) with a cutting edge (30).

14. The saw blade (12) as defined by claim 12, characterized in that the guide region (42) and the work region (44) are joined by a laser welding process.